S/M No. : DW200C0001

Service Manual

Auto Washer

Model : DW-1300

• Caution:
In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service Information Center (http://svc.dwe.co.kr).

DAEWOO ELECTRONICS

Jul. 2004

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WASHING MACHINE

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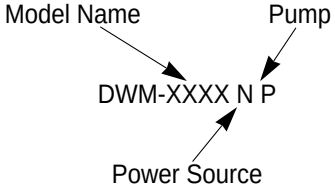
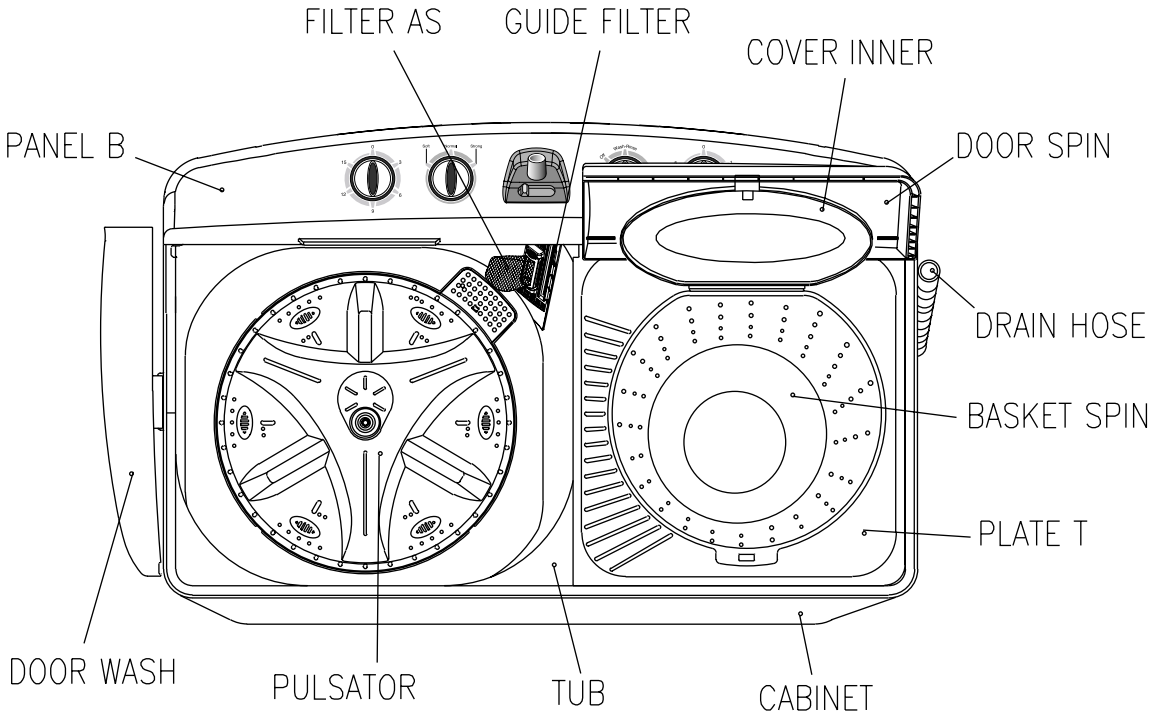
1. SPECIFICATIONS

NO.	ITEM		SPECIFICATIONS						
1	POWER SOURCE	VOLTAGE	AC 110V	AC 220V	AC 127/220V	AC 110/220V	AC 220V	AC 240V	AC 127V
		FREQUENCY	60Hz			50Hz			60Hz
2	POWER CONSUMPTION	PUMP	610W						650W
		NON PUMP	580W						600W
3	DIMENSION		NET : 924X542X1025, PACKED UP : 938X558X1040 (WXDXH)						
4	MACHINE WEIGHT	PUMP	NET : 39kg, PACKED UP : 42.5kg						
		NON PUMP	NET : 38kg, PACKED UP : 41.5kg						
5	WASHING COURSE		STRONG, NORMAL, SOFT						
6	WATER LEVEL		HIGH:90ℓ, MEDIUM:80ℓ, LOW:70ℓ, SMALL:60ℓ						
7	REVOLUTION PER MINUTE	WASH	100 rpm			100 rpm			
		SPIN	1700 rpm			1400 rpm			
8	TIMER	WASH	MAX. 15 min., Manual operation						
		SPIN	MAX. 5 min., Manual operation						
9	WASHER TYPE		PULSATOR TYPE						
10	SPIN TYPE		CENTRIFUGALLY SEPARATED TYPE						
11	MAXIMUM MASS OF TEXTILE	WASH	10.0 kg						
		SPIN	7.0 kg						
12	WATER SUPPLY		MANUAL						
13	SPIN RINSE		O						
14	OUTLET OF DRAIN HOSE		REAR						
15	LINT FILTER		O						

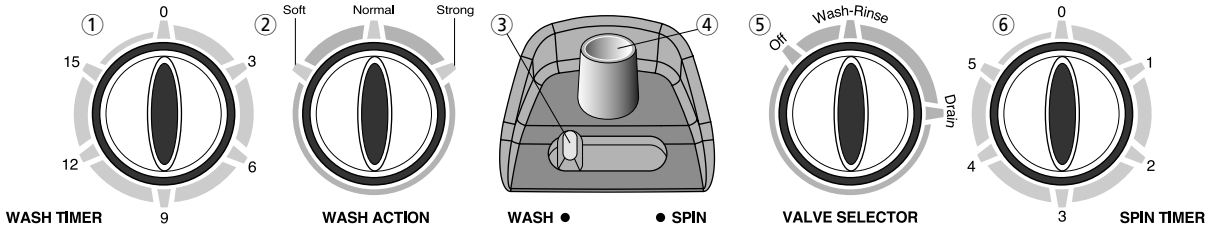
NOTE : Explanation table for suffix of names.

POWER SOURCE	SUFFIX		EXPLANATION
	NON PUMP	PUMP	
AC 127V 60Hz	A	-	
AC 110V 60Hz	T	TP	
AC 220V 50Hz	N	NP	
AC 220V 60Hz	L	LP	
AC 240V 50Hz	M	MP	
AC 110/220V 50Hz	D	DP	
AC 127/220V 60Hz	S	-	

Structure Of The Washing Machine



Control Panel (Panel b Ass'y)



① WASH TIMER
Use to select the desired time for washing or rinsing.

② WASH ACTION
Use to select wash action. ("STRONG", "NORMAL", "SOFT")

③ LEVER WATER SUPPLY SELECTOR
Left : water supply in the WASH TUB.
Right : water supply in the BASKET SPIN.

④ INLET WATER
Connect inlet hose to supply water in the WASH TUB or BASKET SPIN.

⑤ VALVE SELECTOR
Select "WASH, RINSE" for washing and rinsing, and "DRAIN" to drain the water.
(In case PUMP MODEL turn on the drain pump)
"OFF" to turn off the drain pump. (Only PUMP MODEL)

⑥ SPIN TIMER
Used to select the desired time for spinning.

3. PRINCIPLES OF OPERATION AND EXPLANATION OF FUNCTIONS

Wash Timer

WORK PRINCIPLE INSTRUCTION

I. Time part

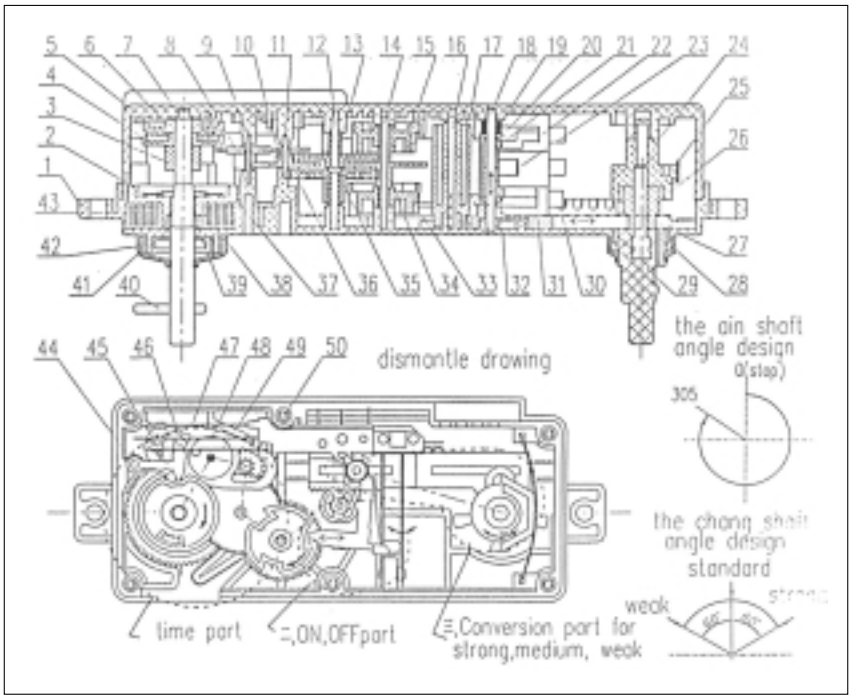
1. The extro force will make 7(main shaft), 4, 6(cam) and 37(first cam) rotate clockwise to a certain angle, then 43(spring) transmogrify and accumulate power, the both sides of 48, 49(reed) be contacted, move limitation of 8(sway slice) was released. When the force is released, 8(sway slice) swift by constant frequency. After gear move by variety speed, 43(spring) mode 7(main shaft) can only rotate back by constant velocity.
2. A moment later, the gap in 6(buzzer cam) reach 46(adjustor), the 47, 48(reed) be contacted, begin to buzz, the gap in 4 (main cam) reach 44(adjustor), the main circuit disconnect, the movement of 8(sway slice) is limited, cease to buzz, the timer stop working.

II. On, OFF part

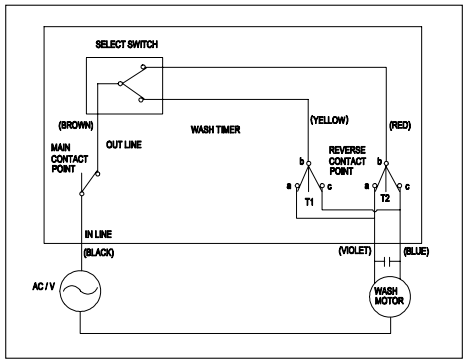
15, 33(program cam), 21, 32(adjustor) move along with the surface of program cam, 22, 31(reed) swing with its elasticity so as to ON and OFF freely.

III. Conversion part for strong, medium, weak.

When exact force add to 29(reversion shaft) 30(the program reversion panel) will glide by horizontal, due to the three stage strong, medium, weak designed on the 30(program reversion panel), the 20(shaft cover) move by vertical, which made 21, 32(adjustor) move by horizontal so that there will by three rate strong, medium, weak can be chose 15, 33(program cam).



CIRCUIT DIAGRAM

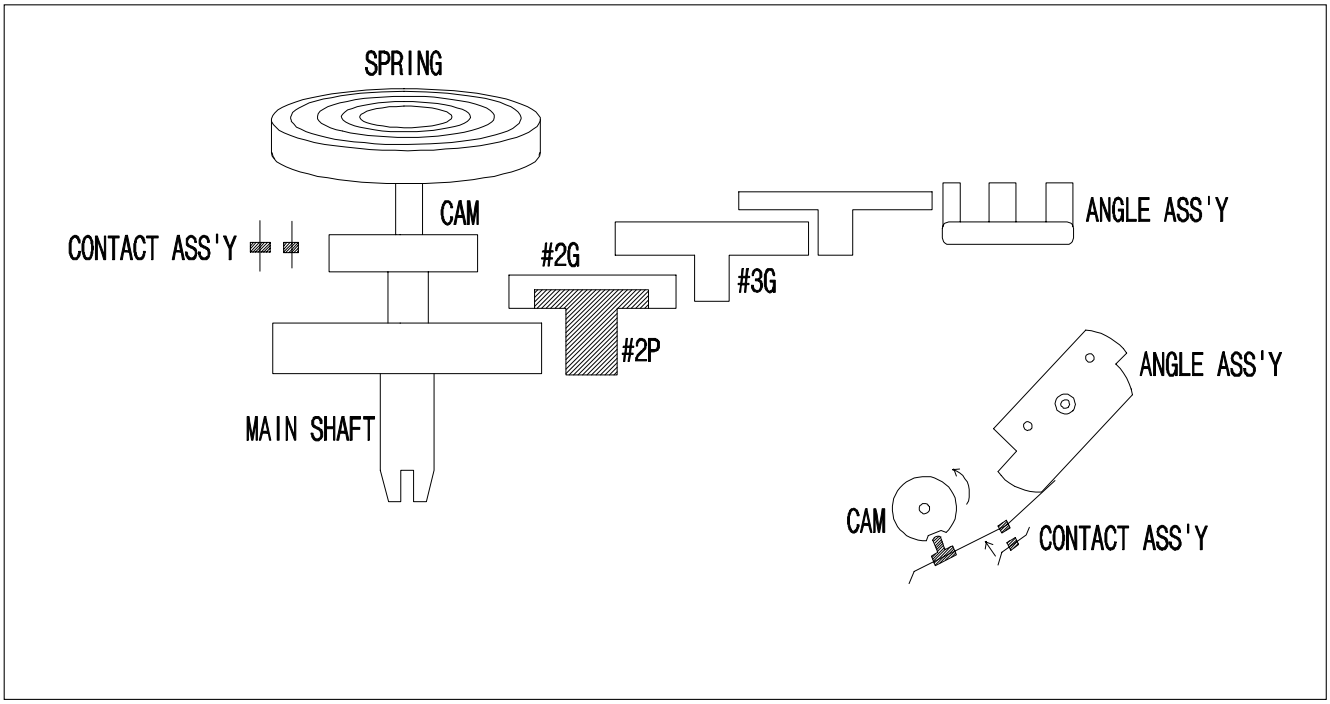


Spin Timer

FUNCTION

The spin timer is the switch providing power to the SPIN MOTOR(DRAIN PUMP MOTOR) during the set spin dry time, and is a spring-type time switch comes on turning and those contact points comes off after the set time.

STRUCTURE AND PRINCIPLE OF ACTIVATION



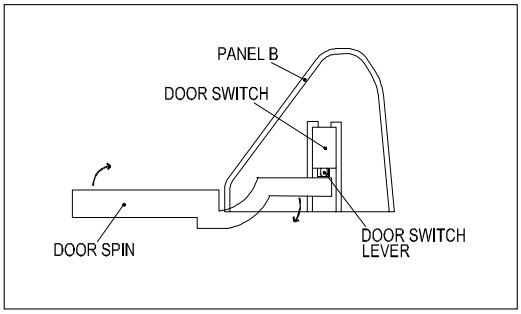
1) The main shaft turns due to the unwinding force when the spin timer is turned, the spring wound with that force being delivered through each gear and the spring slowly unwinding at a speed finally controlled by the angle assembly.
2) The contact point Turns ON and the assembly angle is set in motion which is in the CAM groove in the OFF state, comes off the groove when the main shaft is turned to wind the spring. The contact point turns OFF, return to CAM groove when the spring unwind completely.

SAFETY DEVICE FOR BASKET SPIN

The BASKET SPIN is an apparatus which eliminates the water from the laundry through centrifugal separation generated by rapid revolution(approximately 1,700rpm for 60Hz). Accordingly, there are a DOOR SWITCH to cut off the power going into the DOOR SPIN is opened and a brake system to stop the rotating BASKET SPIN.

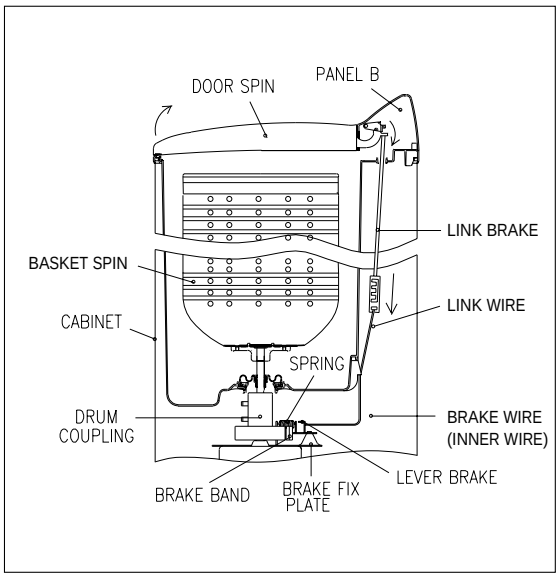
DOOR SWITCH

When the DOOR SPIN is opened during spinning, the DOOR SWITCH LEVER which sites atopt the DOOR SPIN falls off the contact, and cuts off the power going into the SPIN MOTOR.



BRAKE SYSTEM

When the DOOR SPIN is opened, LINK BRAKE which connect to DOOR SPIN loosens. And then the BRAKE BAND touches the DRUM COUPLING assembly and stops the BASKET SPIN as it is pulled by the SPRING in the BRAKE FIX PLATE assembly.



BRAKE BAND GAP CONTROL METHOD

The BAND BRAKE works best when the gap between it and the DRUM COUPLING is about 2mm when the DOOR SPIN is closed. The BASKET SPIN stops slowly if the gap between the two is too narrow, the BASKET SPIN revolution is affected and the PLATE CONTROL WIRE may be adjusted to maintain the BRAKE BAND gap adequately.

WASH DECELERATOR ASSEMBLY

The initial deceleration following the activation of the WASH MOTOR takes place through the PULLEY MOTOR and PULLEY PULSATOR, and the secondary deceleration is done by the gear in the GEAR HOUSING which also increases their revolution strength. This revolution speed and strength is delivered to the PULSATOR, which is then able to cause water current that is strong yet soft so that wash loads are not damaged.

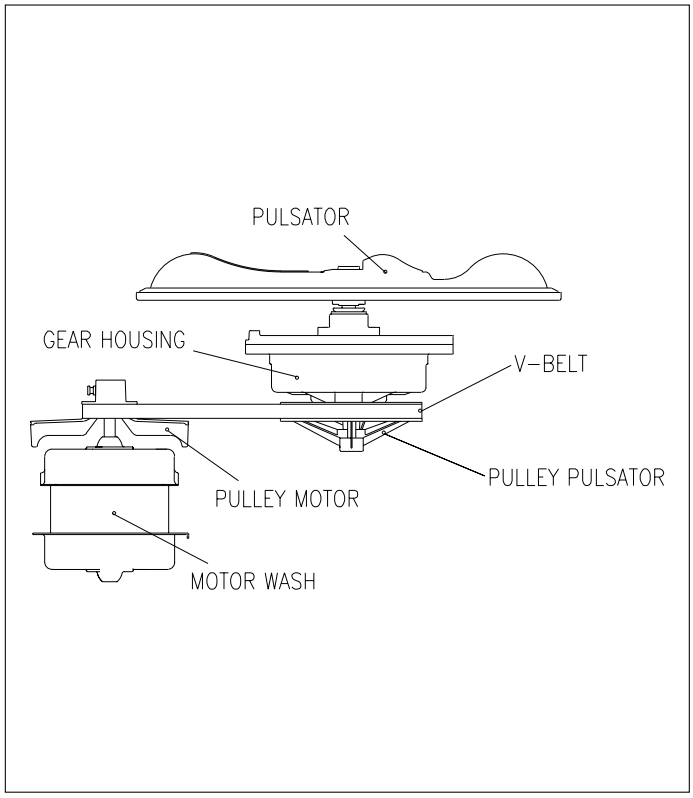
MOTOR WASH
About 1,700rpm(60Hz)
1,400rpm(50Hz)

↓

PULLEY PULSATOR
About 600rpm(60Hz)
600rpm(50Hz)

↓

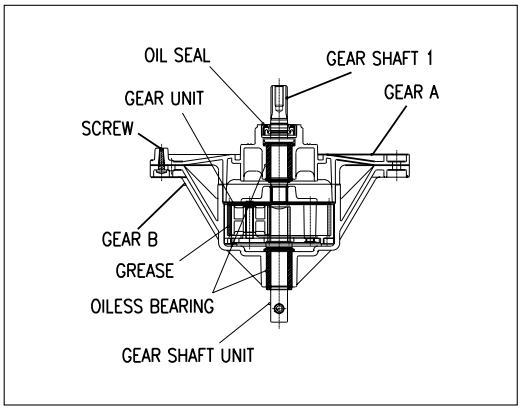
PULSATOR
About 100rpm(60Hz)
100rpm(50Hz)



GEAR HOUSING ASS'Y

The GRAR HOUSING ASSEMBLY is a transmission device which turns the PULSATOR at 6:1 lowered speed through the gear unit assembly which receives power at the GEAR SHAFT UNIT.

STRUCTURE



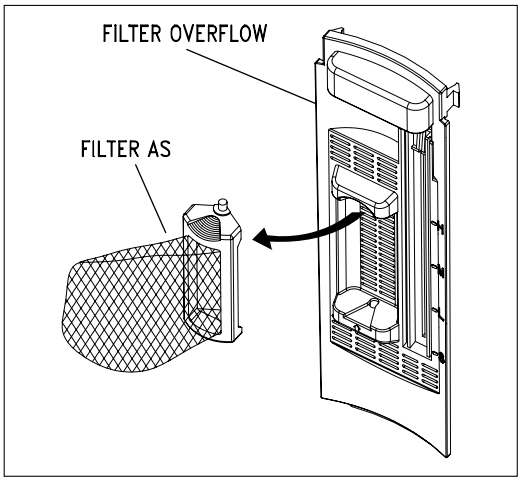
1) The two sides of the GEAR SHAFT UNIT are supported by the OILLESS BEARING in the GEAR HOUSING ASSEMBLY.
2) The GEAR UNIT ASSEMBLY is connected to the GEAR SHAFT 1 and GEAR SHAFT UNIT by the GEAR and GEAR UNIT respectively.
3) The two sides of GEAR SHAFT 1 are supported by the OIL SEAL and OILLESS BEARING in the GEAR HOUSING ASSEMBLY.

BELLOWS ASS'Y

The wrinkled rubber device on the botton of the BASKET SPIN is called BELLOWS ASSEMBLY.
It has a waterseal and a oilless metal inside to prevent leakage and so that the BASKET SPIN may work smoothly.

Filter

Much lint may be obtained depending upon the kind of clothes to be washed and same of the lint may also be suck to the clothes. To minimize this possibility, a lint filter is provide on the upper part of the FILTER OVERFLOW to filter the wash water.
Use of the lint filter during every wash is recommend.



CLEANING THE LINT FILTER

1) Remove the FILTER AS from the FILTER OVERFLOW by pressing it downwards.
2) Turn the FILTER AS inside out, and wash the lint off with water.
3) Return the FILTER AS it was, and fix the FILTER AS to the FILTER OVERFLOW.

4. DIRECTION FOR DISASSEMBLY AND ASSEMBLY

Ass'y Panel Back

1. Remove 3 screws on the PANEL B.

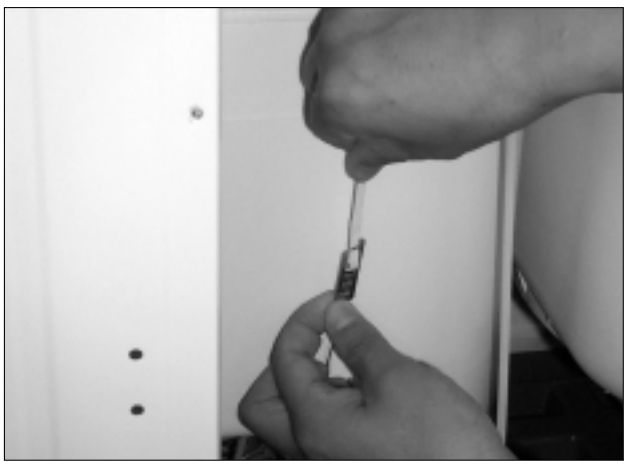
2. Remove KNOB, wash timer and spin timer on the PANEL B.

3. Remove 5 screws and CONTROL LEVER

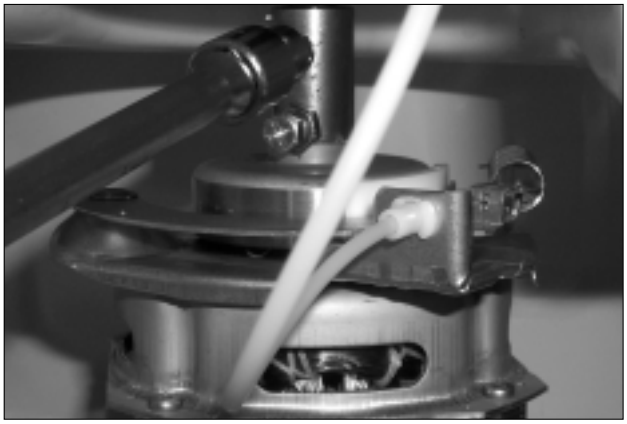
Basket Spin

4. Remove 4 screws on the COVER BACK.

5. Separate LINK BRAKE and ASSEMBLY BRAKE WIRE.



6. Remove bolt and nut on the upper side of the DRUM COUPLING AS.

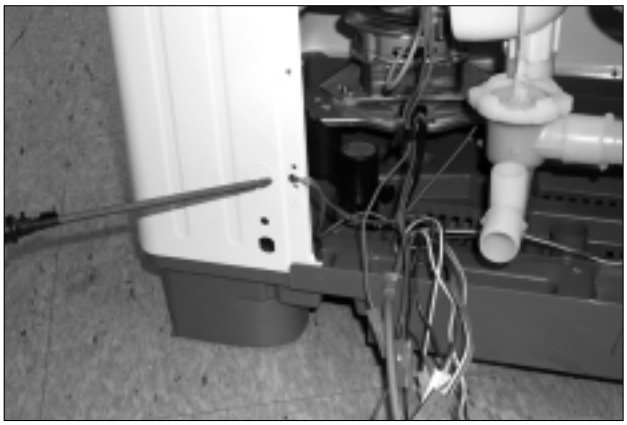


7. Remove the PLATE T on the TUB.

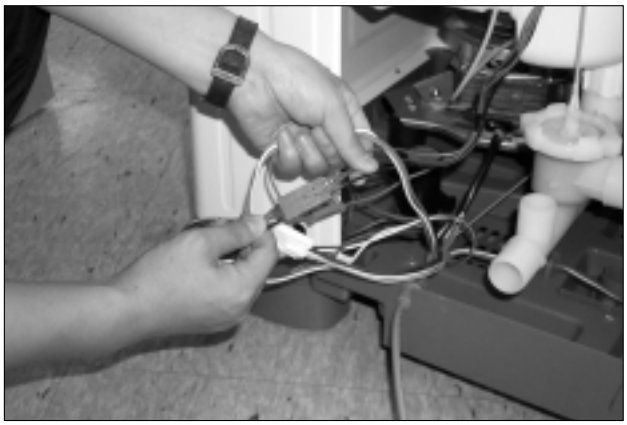
8. Lift up the BASKET SPIN.

Ass'y Base Under

9. Remove 1 screw on the CABINET.



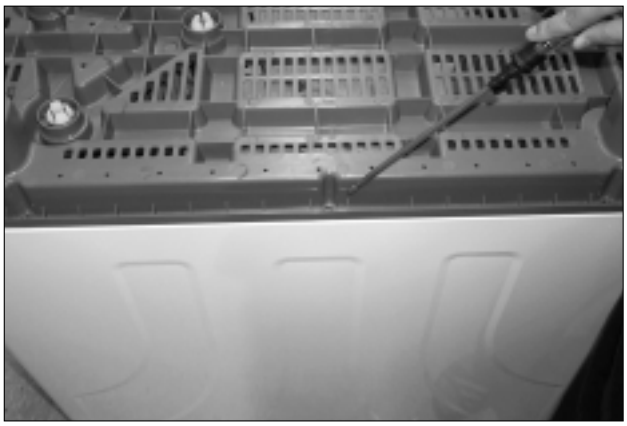
10. Separate HARNESS AS connectors.



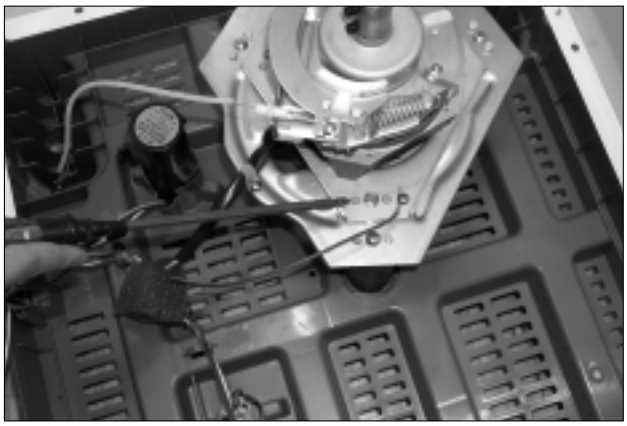
11. Remove a V-BELT from PULLEY MOTOR.

12. Turn over the washing machine.

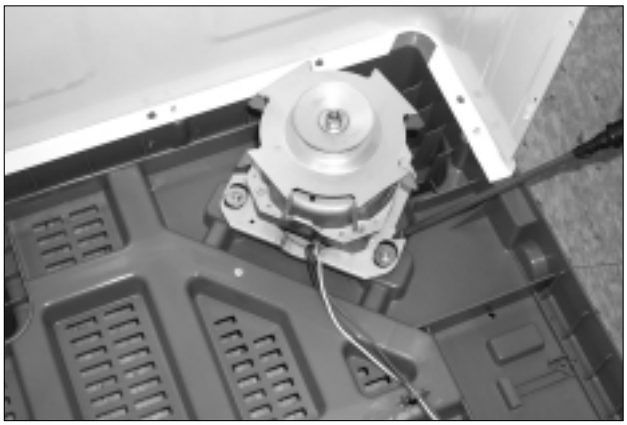
13. Remove 7 screws on the BASE UNDER ASSY.



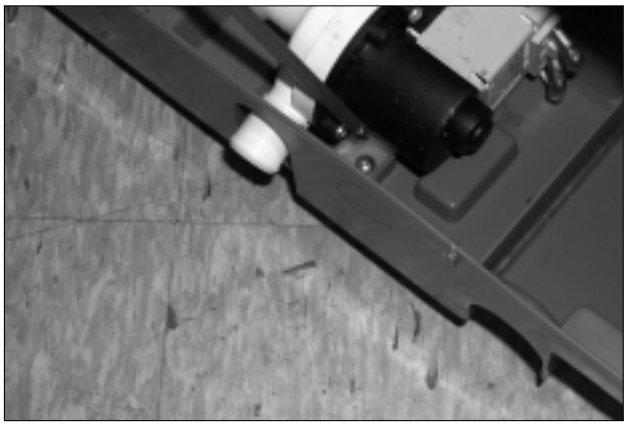
14. Remove 3 screws on the BRACKET MOTOR, and remove the SPIN MOTOR.



15. Remove 3 bolts on the BASE UNDER, and remove the WASH MOTOR.



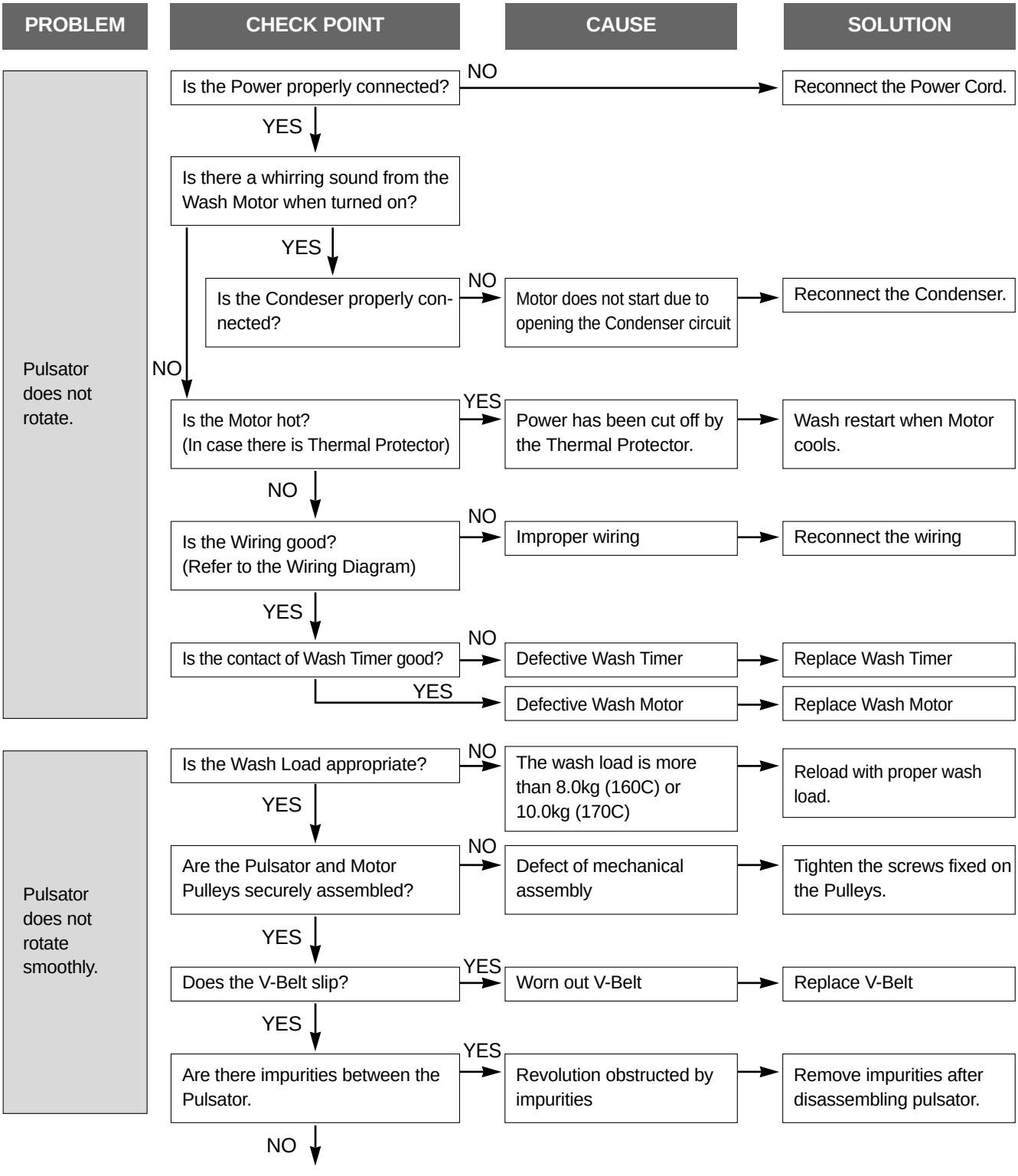
16. Remove 1 screw on the FIXTURE PUMP. (In case of pump model)



NOTES

Pull out the power plug to repair and make sure that the Washing Machine has been properly grounded.

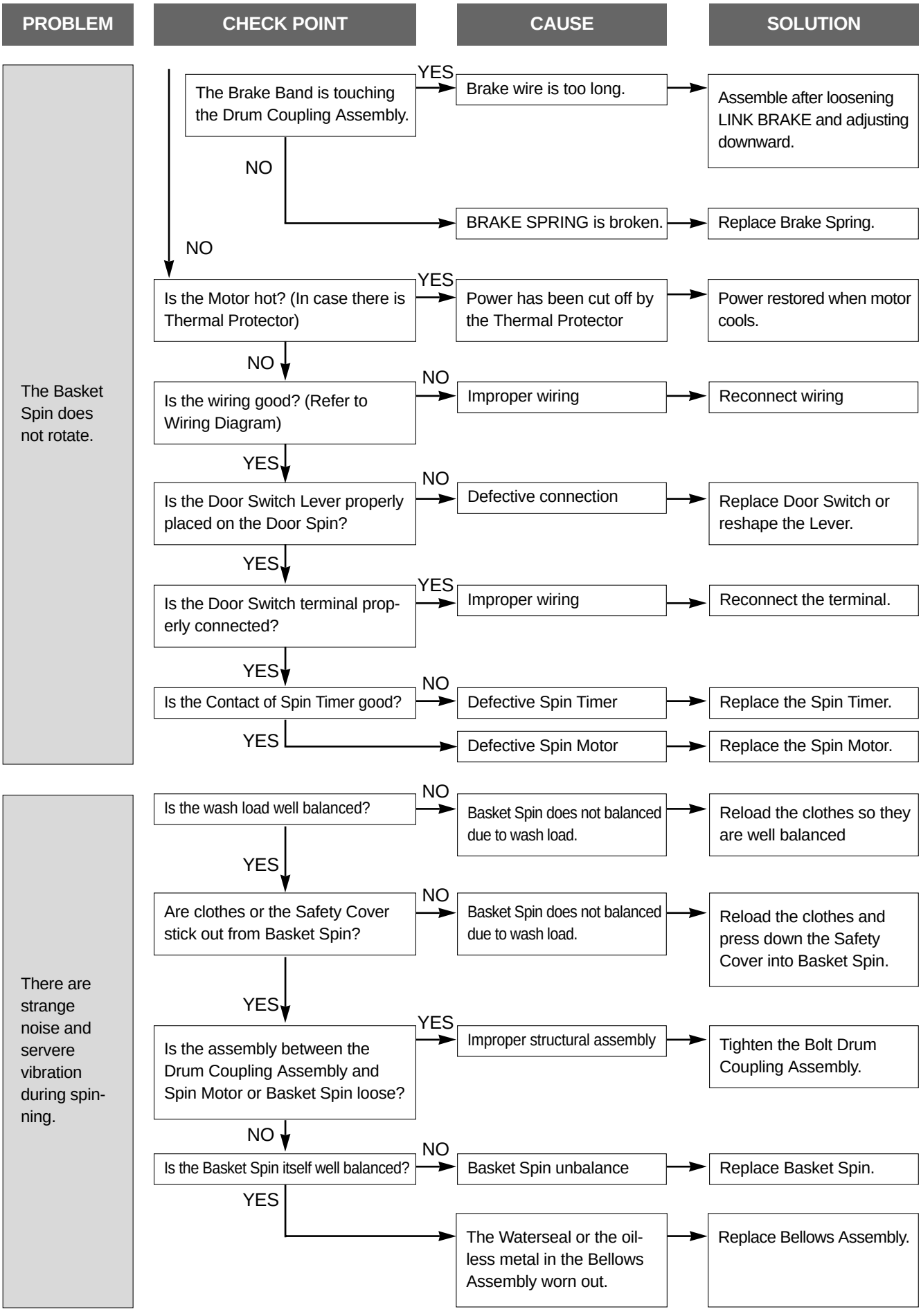
Concerning Wash



PROBLEM	CHECK POINT	CAUSE	SOLUTION
Pulsator does not rotate smoothly.	Does the Gear Housing Shaft rotate properly when the Pulsator has been disassembled? — YES	Worn out the Serration within the Pulsator.	Replace Pulsator.
	NO	Defective Gear Housing	Replace Gear Housing As.
Pulsator. only rotates in one direction.	Is the wiring of Wash condenser properly connected? — NO	Improper Connection	Reconnect
	YES		
	Is the wiring of Wash Timer properly connected? — NO	Improperly Wiring	Reconnect the Wash Timer.
	YES	Defective Wash timer	Replace Wash Timer.
There is excessive noise during Washing	Are there strange noise from Tub when the Pulsator rotate? — YES	Impurites between Pulsator and tub	Remove impurities after disassembling Pulsator.
	NO	NO	
		Pulsator improperly assembled.	Tighten the Pulsator fixing screw.
		Something is in contact with the Pulsator Pulley or Motor Pulley or other rotating parts.	Adjust the parts so that there are no impurities in contact with rotating parts

Concerning Spin

PROBLEM	CHECK POINT	CAUSE	SOLUTION
The Basket Spin does not rotate.	Is the Door Spin open? — YES	The contact Door Switch is open.	Keep the Door Spin closed during spin.
	NO		
	Is there a whirring sound from the Spin Motor when turned ON?		
	NO / YES		


PROBLEM
CHECK POINT
CAUSE
SOLUTION
The Basket Spin does not rotate.
The Brake Band is touching the Drum Coupling Assembly.
YES
Brake wire is too long.
Assemble after loosening LINK BRAKE and adjusting downward.
NO
BRAKE SPRING is broken.
Replace Brake Spring.
NO
Is the Motor hot? (In case there is Thermal Protector)
YES
Power has been cut off by the Thermal Protector
Power restored when motor cools.
NO
Is the wiring good? (Refer to Wiring Diagram)
NO
Improper wiring
Reconnect wiring
YES
Is the Door Switch Lever properly placed on the Door Spin?
NO
Defective connection
Replace Door Switch or reshape the Lever.
YES
Is the Door Switch terminal properly connected?
YES
Improper wiring
Reconnect the terminal.
YES
Is the Contact of Spin Timer good?
NO
Defective Spin Timer
Replace the Spin Timer.
YES
Defective Spin Motor
Replace the Spin Motor.
There are strange noise and servere vibration during spinning.
Is the wash load well balanced?
NO
Basket Spin does not balanced due to wash load.
Reload the clothes so they are well balanced
YES
Are clothes or the Safety Cover stick out from Basket Spin?
NO
Basket Spin does not balanced due to wash load.
Reload the clothes and press down the Safety Cover into Basket Spin.
YES
Is the assembly between the Drum Coupling Assembly and Spin Motor or Basket Spin loose?
YES
Improper structural assembly
Tighten the Bolt Drum Coupling Assembly.
NO
Is the Basket Spin itself well balanced?
NO
Basket Spin unbalance
Replace Basket Spin.
YES
The Waterseal or the oilless metal in the Bellows Assembly worn out.
Replace Bellows Assembly.

PROBLEM	CHECK POINT		CAUSE	SOLUTION
There is leakage during spinning.	Is the Bellows Assembly properly assembled?	NO	Waterproofing not working due to defective assembly.	Re-assemble Bellows Assembly.
		YES	The Waterseal or the Oilless Metal in the Bellows Assembly is worn out.	Replace Bellows Assembly.
Basket Spin does not stop with the Door Spin open	The Brake Band touches the Drum Coupling when the Door Spin open.	NO	Brake wire is too short.	Replace after loosening LINK BRAKE and adjusting upward.
		YES	Brake Band is worn out.	Replace Brake Band or Brake Fix Assembly.
	Is the electric connection of the Door Switch good?	NO	Defective Door Switch	Replace Door Switch
		YES	The contact of the Door Switch does not open due to deformity of the lever of Door Switch.	Replace Door Switch or reshape the lever of Door Switch.

Concerning Drainage (Pump)

PROBLEM	CHECK POINT		CAUSE	SOLUTION
Drainage is not satisfactory	Is the height of the drainage area where the Drain Hose hangs over 1m?	YES	The Drain Hose is too high.	Hang the Drain Hose lower.
		NO		
	Are there impurities on the Drain Strainer?	YES	Impurities are obstructing drainage.	Remove out impurities on the drain Strainer
		NO		
	Are there impurities in the Valve Housing or Inlet Joint?	YES	Impurities are obstructing drainage.	Remove impurities or replace Valve Housing or Inlet Joint.
		NO		
			Impurities are blocking the Drain Hose	Remove impurities

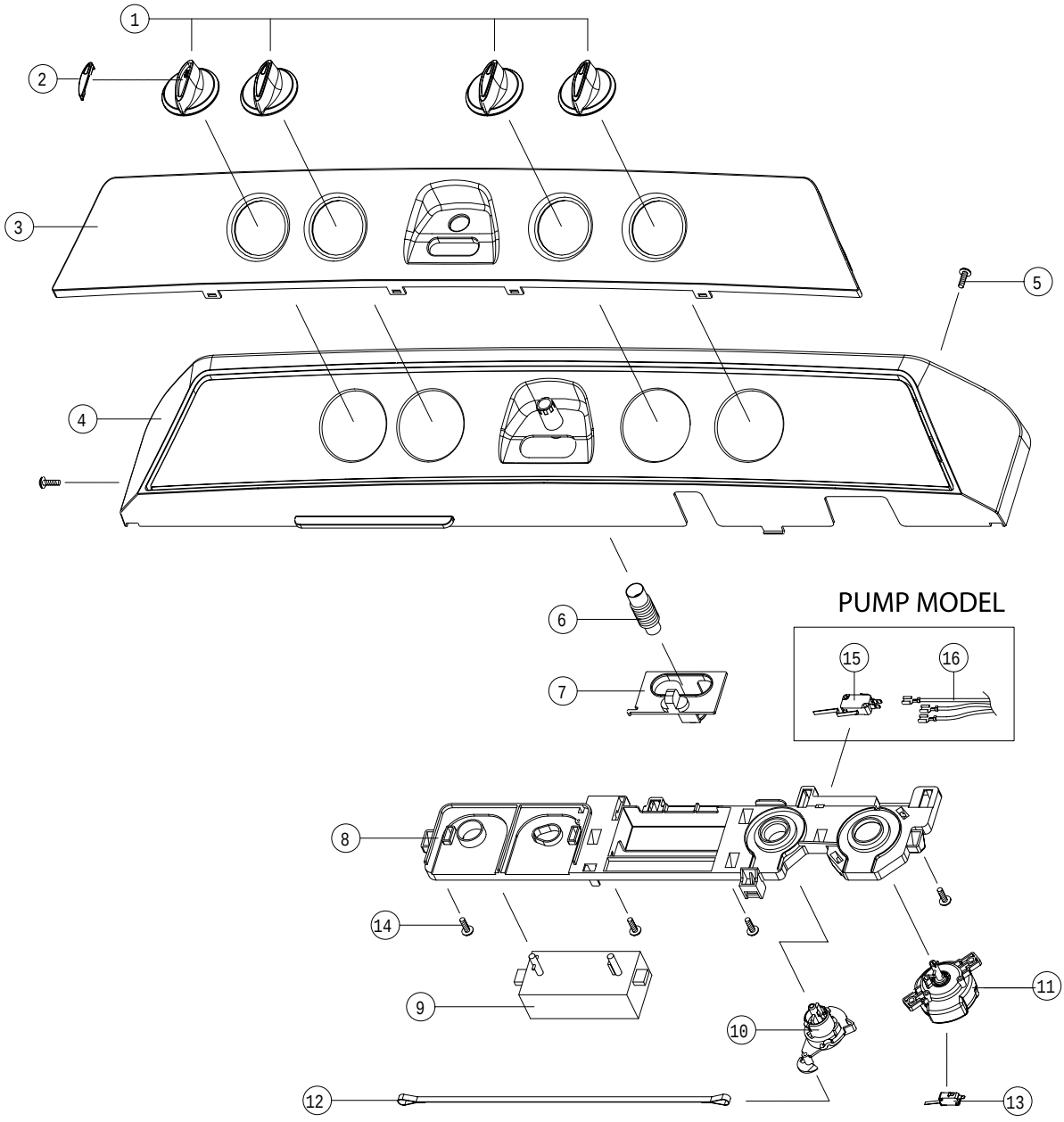
PROBLEM	CHECK POINT		CAUSE	SOLUTION
Draining does not function during drain selecting	Is the Drain Selector in the DRAIN position	YES	The position is fault.	Turn the Drain Selector to DRAIN.
	Is the pump Motor wiring properly connected?	NO	Defective wiring	Reconnect wiring
		YES	Defective Pump motor	Replace Pump Motor
Drain does not function during Spinning.	Are the wiring of the Spin Timer and the Pump Motor good?	NO	Defective wiring	Reconnect wiring
	Is the Spin Timer's contact good?	NO	Defective Spin Timer	Replace Spin Timer
		YES	Defective Pump motor	Replace Pump Motor

Concerning Drainage (Non Pump)

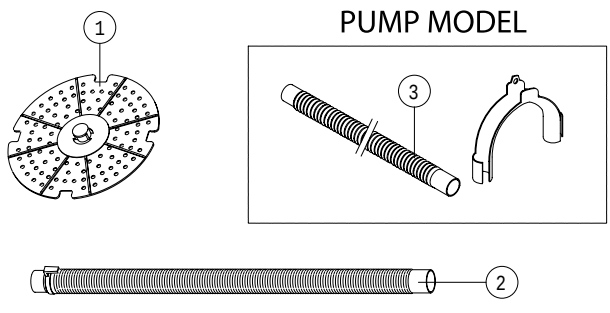
PROBLEM	CHECK POINT		CAUSE	SOLUTION
Drainage is not satisfactory.	Are there impurities on the Drain Strainer?	YES	Impurities are obstructing drainage.	Remove impurities on the Drain Strainer
	Are there impurities in the Valve Housing or Inlet Joint?	YES	Impurities are obstructing drainage.	Remove impurities or replace Valve Housing or Inlet Joint
		NO	Impurities are blocking the Drain Hose	Remove impurities
Water keeps draining during wash	Is the Drain Selector on the operation Panel at the DRAIN position?	YES	Mismanupilation	Turn Drain Selector to WASH/RINSE position
		NO	There are impurities between the Valve Housing and Valve Bellows.	Remove impurities and replace Valve Housing.

6. EXPLODE VIEW AND PARTS LIST

Ass'y Panel Back



ACCESSORY ASS'Y



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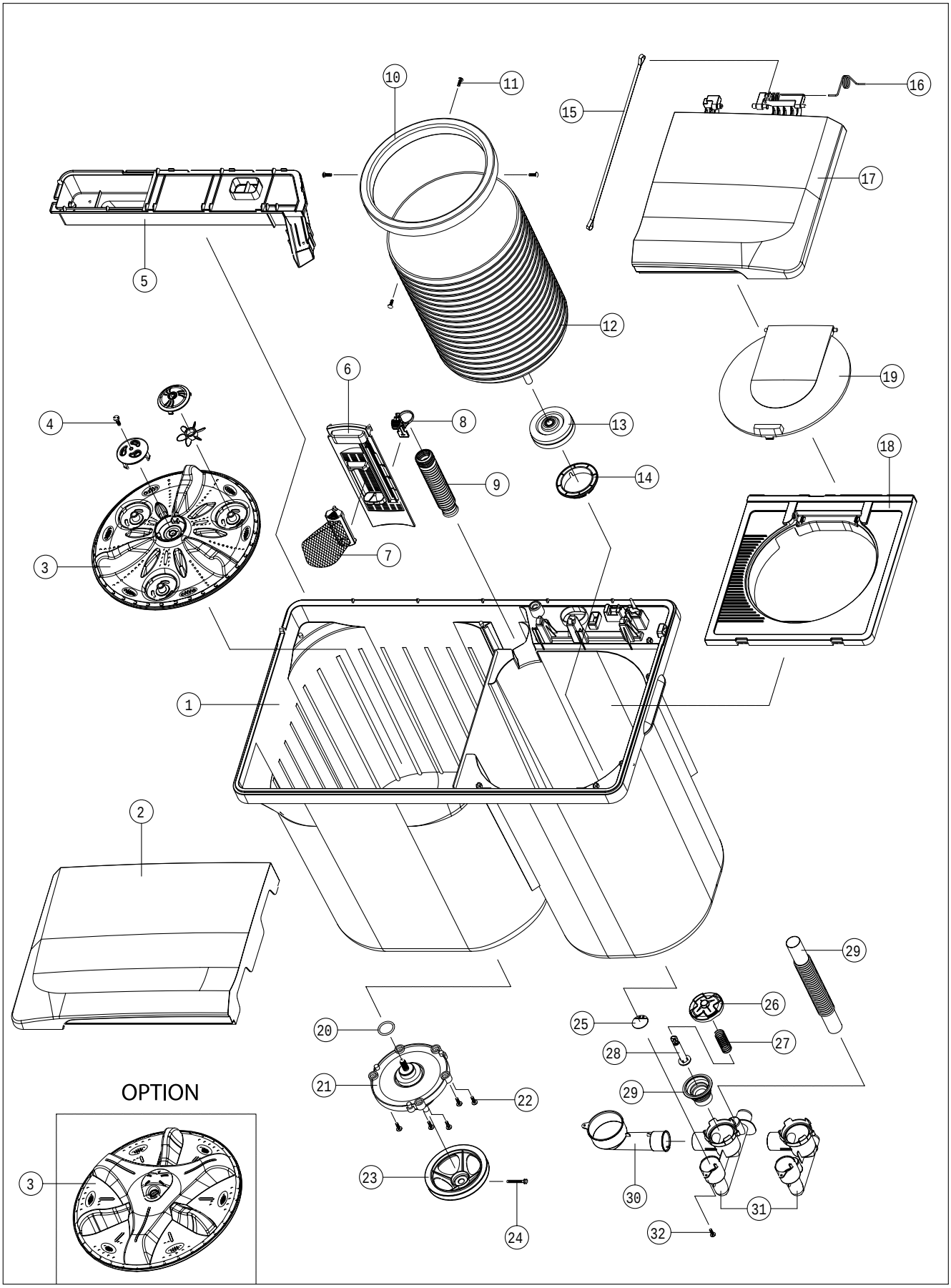
ass'y panel

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
1	DECO KNOB	3611630400	ABS-TR	4.0	
2	KNOB	3613404700	ABS	4.0	
3	DECORATOR PANEL	3611630500	ABS-TR	1.0	
4	PANEL B	3614281900	HIPS	1.0	
5	SCREW TAPPING	7122401411	T2S TRS 4X14 MFZN	3.0	
6	HOSE SPRAY	3613201201	PE-LD	1.0	
7	LEVER W.S SELECT	3613702300	PP	1.0	
8	BRACKET PANEL	3610607800	HIPS	1.0	
9	TIMER WASH	3619911900	DXT-15SF-201, KDW5A	1.0	
10	LEVER CONTROL	3613701400	POM	1.0	
11	TIMER SPIN	3619911220	S-160MA	1.0	
12	LINK VALVE	3617804900	PP BAND W6 L=800	1.0	
13	SWITCH COVER	3619045400	GSM-V16183A4 250V 16A	1.0	
14	SCREW TAPPING	7122401411	T2S TRS 4X14 MFZN	5.0	
15	SWITCH SELECTOR	3619045800	GSM-V16181A4	1.0	PUMP MODEL
16	HARNESS DRAIN	3612790600	160CP SW DRAIN L=1100	1.0	PUMP MODEL

ACCESSORY ASS'Y

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
1	COVER SAFETY	3611419900	LDPE(DIA:286)	1.0	
2	HOSE DRAIN O AS	3613224310	820MM, HANGER, NON CLAMP	1.0	NON PUMP
3	HOSE DRAIN O AS	3613218800	LD-PE/EVA L=1600 PUMP	1.0	PUMP MODEL

Ass'y Tub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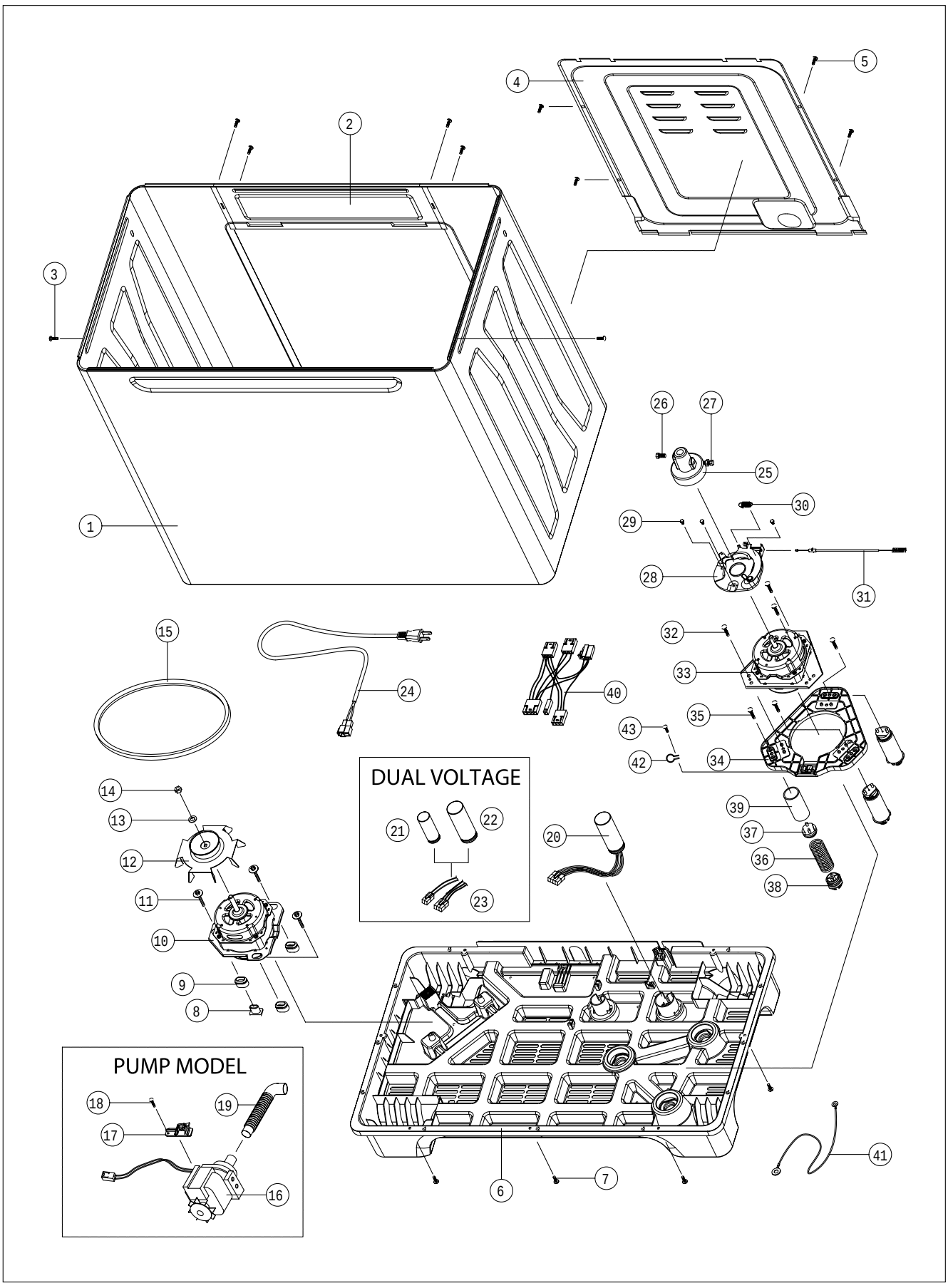
ass'y tub

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
1	TUB	3618820100	PP	1.0	
2	DOOR WASH	36117AB100	HIPS	1.0	
		36117AAZ00	ABS-TR	1.0	OPTION
	COVER DOOR WASH	3611425200	HIPS	1.0	OPTION
3	PULSATOR AS	3619706800	PP	1.0	
		3619708100	PP, IMPELLER	1.0	OPTION
		3619708110	PP, NANO IMPELLER	1.0	OPTION
4	SPECIAL SCREW	3616002901	SUS 304(NON SLOCK)	1.0	
5	BASE WATER SUPPLY	3610391700	PP	1.0	
6	FILTER OVERFLOW	3611906600	PP	1.0	
7	FILTER AS	3611904700	PP+POLYESTER	1.0	
8	LEVER W.H	3613791000	PP	1.0	
9	PIPE WATER LEVER	3614404600	EVA	1.0	
10	BALANCER AS	3616105800	DWM-160C	1.0	
11	SCREW TAPPING	7122401211	T2S TRS 4*12 MFZN	4.0	
12	BASKET SPIN	3619103600	PP(J-360A)	1.0	
13	BELLOWS	3616402800	NBR, H=65	1.0	
14	FIXTURE BELLOWS	3612006300	PP	1.0	
15	LINK BRAKE	3617804300	PP BAND W6 L=564	1.0	
16	SPRING COVER	3615108810	HSW3	1.0	
17	DOOR SPIN	36117AB000	HIPS	1.0	
		36117AAY00	ABS-TR	1.0	OPTION
	COVER DOOR SPIN	3611425100	HIPS	1.0	OPTION
18	PLATE T	3614531300	PP	1.0	
19	COVER INNER	3611419700	PP	1.0	
20	RING O	4506H05050	CR	1.0	
21	GEAR HOUSING ASS'Y	3617309100	6.0:1	1.0	
22	SCREW TAPPING	7122502011	T2S TRS 5X20 MFZN	5.0	
23	PULLEY PULSATOR	3618432600	FRPP	1.0	
24	SPECIAL BOLT	3616008400	M6 SIDE-FIXING	1.0	
25	PROTECTOR F.B	3618303500	NBR	1.0	PUMP MODEL
26	VALVE CAP	4505F06013	PE-HD	1.0	
27	SPRING VALVE	4505C06022	SWC WR 1.0D	1.0	
28	ROD VALVE	3618504000	PP	1.0	
29	BELLOWS VALVE	4505C06041	NBR	1.0	
30	INLET JOINT	3617505200	PP	1.0	
31	CASE VALVE	3611131500	PP	1.0	NON PUMP
		3611139100	PP	1.0	PUMP MODEL
32	SCREW TAPPING	7122502011	T2S TRS 4X14 MFZN	1.0	

Ass'y Main



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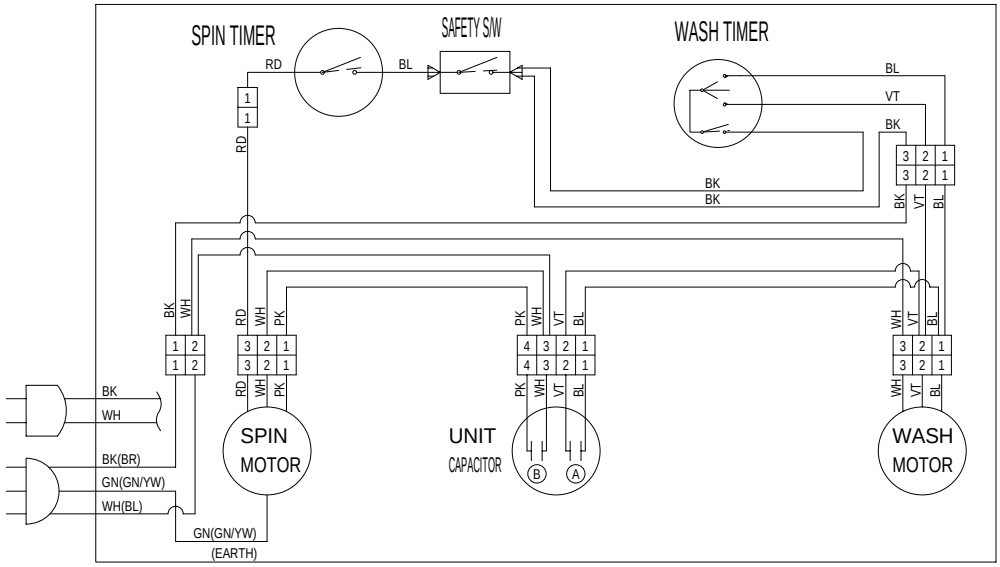
ass'y main

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
1	ASSY CABINET	PRCACA8100	DWM-200C	1.0	
2	PLATE UPPER	3614525100	SGCC 0.6T	1.0	
3	SCREW TAPPING	7122401011	T2S TRS 4*10 MFZN	6.0	
4	COVER BACK	3611419800	SECC 0.4T	1.0	
5	SCREW TAPPING	7112400811	T1 TRS 4*8 MFZN	4.0	
6	BASE UNDER	3610391800	PP	1.0	
7	SCREW TAPPING	7122401011	T2S TRS 4*10 MFZN	7.0	
8	CUSHION SPOT	450M712010	PP	1.0	
9	CUSHION MOTOR	450M712020	NR	3.0	
10	MOTOR WASH	3618961900	220~240V/50HZ,W1S35VD060	1.0	N(P)
		3618949501	220~240V/50HZ,W1S42VD101	1.0	M(P)
		3618961600	110V/60HZ,W1S35ED060	1.0	T(P)
		3618961800	220V/60HZ,W1S35UD060	1.0	L
		3618961700	120V/60HZ,W1S35JD060	1.0	A
		3618962000	W1S35GD060	1.0	D,S
11	SPECIAL SCREW	3616003100	M5X35 WASHER	3.0	
12	PULLEY MOTOR AS	3618431700	PRESS(SGCC1.2T,D31),2.1MM	1.0	60HZ
		3618431810	PRESS(SGCC1.2T,D38)	1.0	50HZ
13	WASHER PLAIN	7400108411	PW-1-8.4 MFZN	1.0	
14	NUT HEX	7392800011	M8*P1.25 MFZN	1.0	
15	BELT V	3616590900	A24, 200C	1.0	
16	UNIT DRAIN PUMP AS	3618964800	AC 220~240V, 50HZ,PLASET	1.0	NP, MP
		3618964900	AC 110V, 60HZ,PLASET	1.0	TP
		3618952710	AC 110/220V, 50/60HZ	1.0	DP
17	FIXTURE PUMP	3612005700	PP	1.0	NP,MP,TP
18	SCREW TAPPING	7112402011	T1 TRS 4X20 MFZN	1.0	
19	HOSE DRAIN I	3613226400	PE-LD	1.0	NP,MP,TP
20	UNIT CAPACITOR	3618948200	9.7/5.2 400/440 CON-4P	1.0	L,N(P)
		3618948300	10.4/5.2 400/440 CON-4P	1.0	M(P)
		3618948600	45.6/25 200/200 CON-4P	1.0	T(P)
		3618950600	41.6/20.8 200/230 CON-4P	1.0	A
21	CAPACITOR WASH	4508C11010	22.8+22.8UF	1.0	D(DUAL)
		4509C11020	200V 20.8UF*2	1.0	S(DUAL)
22	CAPACITOR SPIN	4509C11010	MF CAPACITOR 200V 20.8MF	1.0	D,S(DUAL)
23	HARNESS CONDENSER	3612706710	CONN A,B	1.0	D,S(DUAL)
24	CORD POWER AS	3611332100	T VACTFK 2*0.75 2.3M GY	1.0	
		3611331700	A VACTFK 2*0.75 2.3M GY	1.0	
		3611331310	VCTF 3*0.75 2.3M GY	1.0	
		3611331630	H05VV-F 3*0.75 WH	1.0	
		3611331650	H05VV-F 3*0.75 BK	1.0	
		3611331110	VCTF 3*0.75 2.3M GY	1.0	
		3611331810	H05VV-F 3*0.75 2.3M BK	1.0	
		3611332100	VCTFK 2*0.75 2.3M GY	1.0	
		3611331930	C SJT 3*18AWG 2.3M GY	1.0	
		3611331700	A VCTFK 2*0.75 2.3M GY	1.0	
		3611331700	FH05VV 3*0.75 2.3M BK	1.0	

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
25	COUPLING DRUM AS	3617001700	DWM-160C	1.0	
26	DRUM COUPLING BOLT	3619401601	8X13 BOLT, SILOCK COATING	2.0	
27	SPECIAL BOLT AS	3616008000	6B-1-M8X12	2.0	
28	BRAKE FIX PLT AS	4505C54000	2-WAY	1.0	
29	BOLT HEX	7341500811	6B-1-5X8 MFZN	3.0	
30	SPRING BRAKE	4507K53010	SWC D1.0 ZN8-C	1.0	
31	ASS'Y BRAKE WIRE	3619201702	SUS WIRE+PE L260	1.0	
32	SCREW TAPPING	7122502011	T2 TRS 5X20 MFZN	3.0	
33	UNIT SPIN MOTOR	3618949601	110V 60HZ W1D35EF001	1.0	T(P)
		3618949201	220V 60HZ W1D35UF001	1.0	L
		3618949401	220-240V 50HZ W1D35VF001	1.0	N(P), M(P)
		3618950101	W1D35FF002 110/220V 50HZ	1.0	D, DUAL
		3618950001	W1D35LF002 120/240V 60HZ	1.0	S, DUAL
34	BRACKET MOTOR SPIN	3610607700	PP	1.0	
35	SCREW TAPPING	7112503011	T1 TRS 5X30 MFZN	3.0	
36	SPRING CUSHION	3615112700	SWC D=3.2 L=95	1.0	
37	STOPPER	4506H14020	PE - HD	1.0	
38	STOPPER LOWER	3615200800	PP	1.0	
39	RUBBER DAMPING	4506H14030	NBR	1.0	
40	HARNESS ASS'Y	3612757300	SINGLE PUMP	1.0	NP,TP,MP,AP,LP
		3612757220	SINGLE NON PUMP	1.0	N,M,T,L
		3612756301	DUAL NORMAL	1.0	D,S
		3612756401	DUAL PUMP	1.0	DP
41	HARNESS EARTH	3612757810	UL1015 AWG18 490	1.0	
42	CABLE CLAMP	3611202610	NYLON66 DA-5N	1.0	
43	TAPTITE SCREW	7272400811	TT3 TRS 4*8 MFZN	1.0	

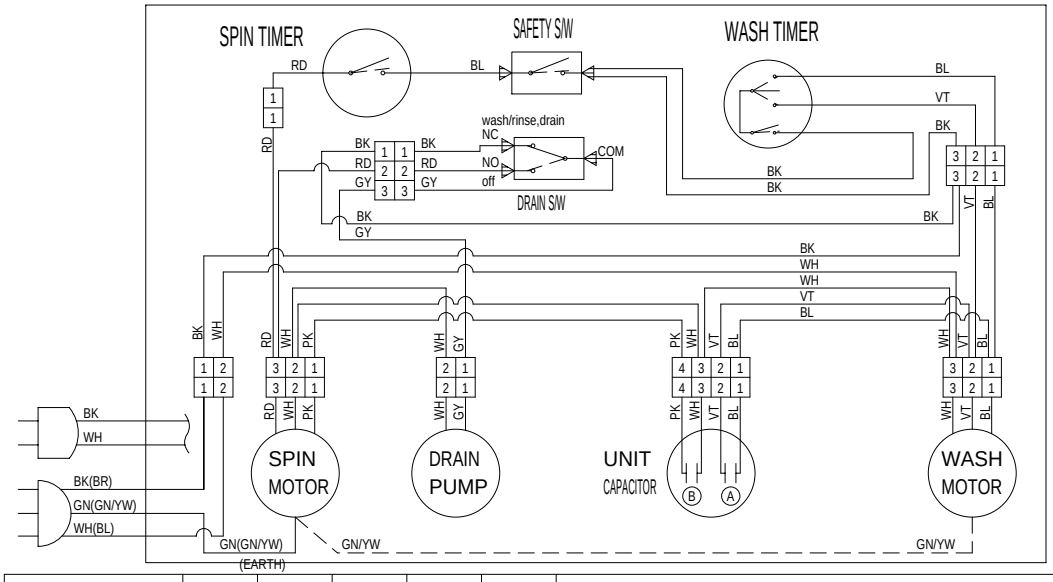
Single Voltage/Normal



RATING VOLTAGE(V~)		110	120~127	220	220~240	
Hz		60	60	50/60	50	
CAPACITOR	Ⓐ	45.6	41.6	10.4/9.7	10.4/9.7	
	Ⓑ	25.0	20.8	5.2	5.2	

BK:BLACK VT:VIOLET
BL:BLUE BR:BROWN
RD:RED YW:YELLOW
PK:PINK GN:GREEN
WH:WHITE GN/YW:GREEN/YELLOW

Single Voltage/Pump

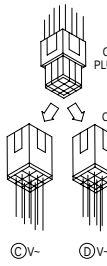


RATING VOLTAGE(V~)		110	120~127	220	220~240	
Hz		60	60	50/60	50	
CAPACITOR	Ⓐ	45.6	41.6	10.4/9.7	10.4/9.7	
	Ⓑ	25.0	20.8	5.2	5.2	

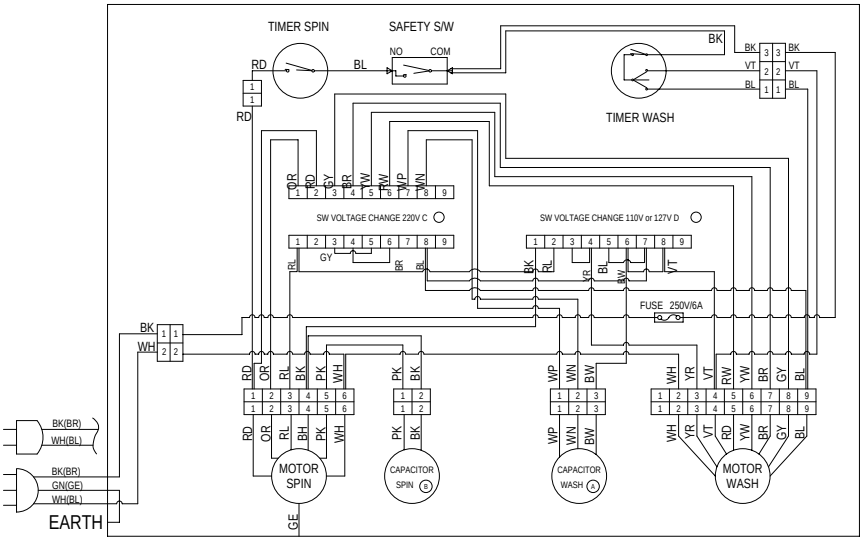
BK:BLACK VT:VIOLET GY:GRAY
BL:BLUE BR:BROWN
RD:RED YW:YELLOW
PK:PINK GN:GREEN
WH:WHITE GN/YW:GREEN/YELLOW

Dual Voltage/Normal

CAUTION



OPTIMUM USE WITH YOUR VOLTAGE. THIS UNIT IS SET FOR IF YOU WANT TO CHANGE VOLTAGE THE ⓒV ~ CONNECTOR PLUG AS THE FIG.

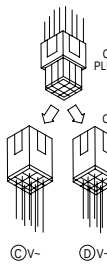


RATING VOLTAGE(V~)		110/220	127/220
CAPACITOR	Ⓐ	22.8x2	20.8x2
	Ⓑ	20.8	20.8
CONNECTOR	Ⓒ	220	220
	Ⓓ	110~130	110~130

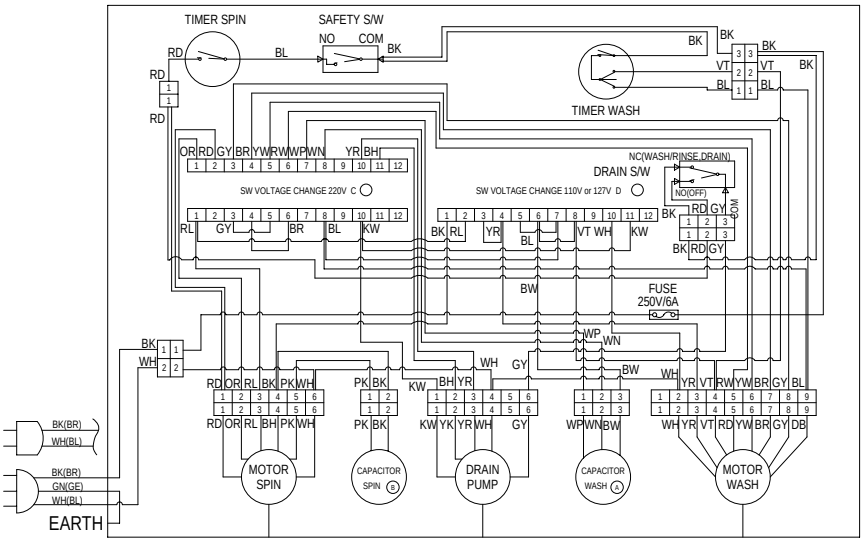
GN : GREEN	RD : RED	GE : GREEN/YELLOW	BH : BROWN/WHITE
OR : ORANGE	PK : PINK	BW : BLUE/WHITE	
BK : BLACK	VT : VIOLET	RL : RED/BLUE	
BR : BROWN	GY : GRAY	YR : YELLOW/RED	
WH : WHITE	YW : YELLOW	WP : WHITE/PURPLE	
BL : BLUE	RW : RED/WHITE	WN : WHITE/GREEN	

Dual Voltage/Pump

CAUTION



OPTIMUM USE WITH YOUR VOLTAGE. THIS UNIT IS SET FOR IF YOU WANT TO CHANGE VOLTAGE THE ⓒV ~ CONNECTOR PLUG AS THE FIG.



RATING VOLTAGE(V~)		110/220	127/220
CAPACITOR	Ⓐ	22.8x2	20.8x2
	Ⓑ	20.8	20.8
CONNECTOR	Ⓒ	220	220
	Ⓓ	110~130	110~130

GN : GREEN	RD : RED	GE : GREEN/YELLOW	KW : BLACK/WHITE
OR : ORANGE	PK : PINK	BW : BLUE/WHITE	BH : BROWN/WHITE
BK : BLACK	VT : VIOLET	RL : RED/BLUE	YK : YELLOW/BLACK
BR : BROWN	GY : GRAY	YR : YELLOW/RED	
WH : WHITE	YW : YELLOW	WP : WHITE/PURPLE	
BL : BLUE	RW : RED/WHITE	WN : WHITE/GREEN	

DAEWOO

DAEWOO ELECTRONICS CORP.
686, AHYEON-DONG MAPO-GU SEOUL, KOREA
C.P.O. BOX 8003 SEOUL, KOREA
TELEX: DWELEC K28177-8
CABLE: “DAEWOOELEC”

S/M No. : DW200C0001

PRINTED DATE: Jul. 2004